PTO/SB/21 (09-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/602.927 TRANSMITTAL Filing Date June 24, 2003 First Named Inventor **FORM** Jean MERRILL et al. Art Unit Not Yet Known Examiner Name Not Yet Known (to be used for all correspondence after initial filing) Attorney Docket Number USAV2001/0172 US NP Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer Extension of Time Request below): Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) 1. Supplemental Information Disclosure Statement Reply to Missing Parts/ 2. Transmittal Letter (2 pages) Incomplete Application 3. PTO-1449 (2 pages) Reply to Missing Parts 4. References (5) under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name AVENTIS PHARMACEUTICALS INC. Signature Printed name F. Aaron DUBBERLEY Date Reg. No. December 03, 2004 41,001

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oplication of RRILL, et al.

Examiner:

Not Yet Known

Art Unit:

Not Yet Known

Application No.: 10/602,927

Filed: June 24, 2003

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Title: OSTEOPONTIN, OLIGODENDROCYTES

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Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 C.F.R. 1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. 1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 C.F.R. 1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 C.F.R. 1.97(h), constitute an admission that any patent, publication or other information referred to is, or is considered to be, material to the patentability of this invention. Pursuant to 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information exists.

This Information Disclosure Statement is filed within the period set forth in §1.97(b) (a) because it accompanies the new patent application submitted herewith, is filed within three months of the filing date of a national application or within three months of the date of entry of the national stage as set forth in §1.491 in an international application, or is believed to be filed before the mailing date of a first Office Action on the merits, whichever event occurs last. However, in the event that the first office action has been mailed, the Commissioner is authorized to charge any fees under 37 C.F.R. 1.17(p) or credit any overpayment to Account No. 18-1982.

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		authorized.

. Respectfully submitted,

F. Aaron Dubberley, Reg. No. 41,001 Attorney/Agent for Applicant

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Aventis Docket No. USAV2001/0172 US NP

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Application Number	10/602,927			
Filing Date	06-24-2003			
First Named Inventor	MERRILL, et al.			
Group Art Unit	Not Yet Known			
Examiner Name	Not Yet Known			
Attorney Docket Number	USAV2001/0172 - US - NP			

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Paten Number	t Document  Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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STATEMENT B	Y APPLICANT

Complete if Known 10/602,927 **Application Number** Filing Date 06-24-2003 MERRILL, et al. First Named Inventor **Group Art Unit** Not Yet Known Not Yet Known **Examiner Name** Attorney Docket Number USAV2001/0172 - US - NP

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		J. SODEK et al., Regulation of Osteopontin Regulation in Osteoblasts, Ann. NY Acad. Sci., Vol. 270, April 21, 1995, pp. 223-241	
		K. IRIE et al., Morphological and Immunocytochemical Characterization of Primary Osteogenic Cell Cultures Derived From Fetal Rate Cranial Tissue, The Anatomical Record, Vol. 252, No. 4, Dec. 1998, pp. 554-567	
		N. TANI-ISHII et al., Osteopontin antisense deoxyoligonucleotides inhibit bone resorption by mouse osteoclasts in vitro, J. Peridontal Res., Vol. 32, No. 6, August 1997, pp. 480-486	
		R. SELVARAJU et al., Osteopontin is upregulated during in vivo demyelination and remyelination and enhances myelin formation in vitro, Mol. Cell. Neurosci., Vol. 25, No. 4, April 2004, pp. 707-721	
		S. JANDER et al., Osteopontin: A Novel Axon-Regulated Schwann Cell Gene, J. Neurosci. Res. Vol. 67, No. 2, Jan. 15, 2002, pp. 156-166	
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